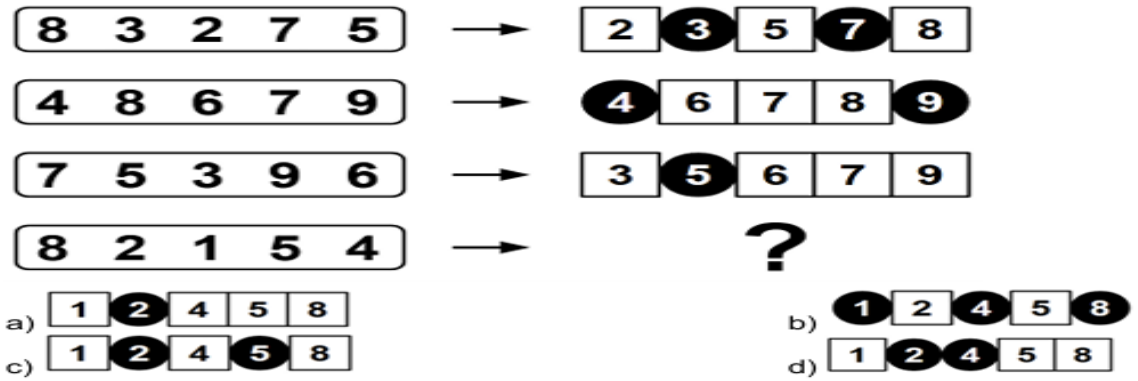
INTERNATIONAL INDIAN SCHOOL BURAIDAH

WORKSHEET FOR THE ACADEMIC YEAR 2026-27

CLASS : 5 SUBJECT : COMPUTATIONAL THINKING DATE : 9/11/2026

1. What will come in place of "?"



2. A 5-digit number is formed such that all the digits are different and the sum of all the digits is 10.

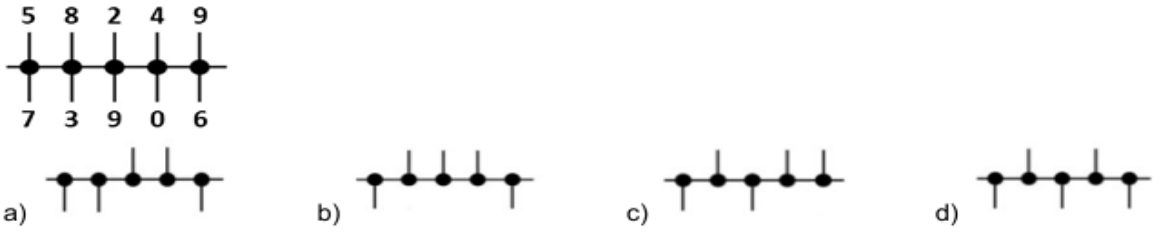
What is the highest digit this number can have?

a) 3 b) 4 c) 5 d) 6

3. Which digit appears in the tens place of the second largest 5-digit number formed using 1, 5, and 7, where each digit is used at least once?

a) 5 b) 7 c) 1 d) Either a or c

4. **Using the digits at the ends of the vertical lines, form numbers by reading the digits from left to right without rearranging them. Which option represents the greatest even number that can be formed?**



5. **What fraction of the total area of all the circles is shaded grey?**

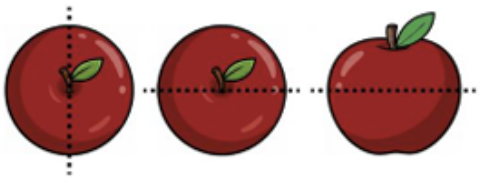


a) 10/24 b) 5/6 c) 5/24 d) 14/24

6. If you take 6 times of me, you will get a whole and a half. If you take me out of a whole, you are left with three times of me. Who am I?

a) Half **b) Quarter** **c) Whole** **d) Zero**

7. **Sam makes three cuts on the same apple, as shown by the dotted lines in the image below. Altogether, how many pieces of apple will he have?**



a) 6 b) 7 c) 8 d) 9

8. John has Rs. 12 with him. He went to a shop and bought 3 balls and 2 balloons. After buying these items, he still has Rs. 2 remaining, which is exactly the cost of 1 ball. What is the cost of 1 balloon?

a) Rs. 1 **b) Rs. 2** **c) Rs. 3** **d) Rs. 4**

9 . A, B, and C each walk a certain distance. - The person who covered the least distance walks 25 km, and another person walks 6 times this distance - C walks 12 km more than B, while A did not cover the least distance If only two among A, B, and C are allowed to walk further, how many more kilometres must they walk so that their COMBINED distance (from the start) equals the distance walked by the third person?

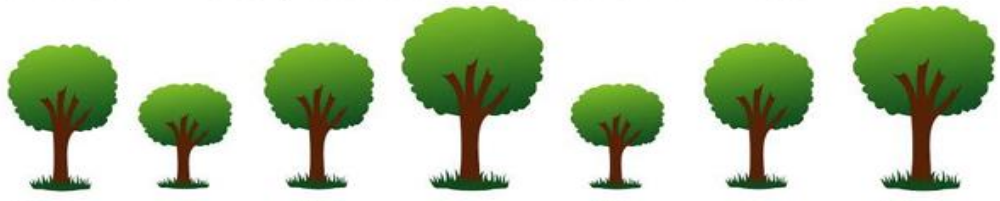
a) 92 km **b) 78 km** **c) 88 km** **d) 62 km**

10. **Given below are the results for Javelin and High Jump competition.**
- Tom threw the javelin 12 m farther than Roy
- Kim jumped 1 inch higher than Roy
- Roy jumped 2 inches less than John
Which participant has secured the same position in both the sports?

Participants	Javelin throw (m)	Position	High jump (inches)	Position
Roy	40			
Tom			20	
John	34		29	1st
Kim	31			
Mary	58	1st	24	

a) Mary b) Tom c) Roy d) John

11. **A group of trees with different heights is shown below. How many trees have both a taller and a shorter tree immediately next to them, compared to their own height?**

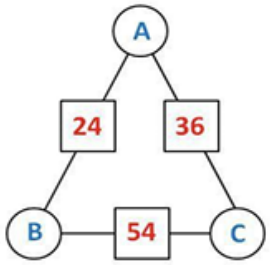


a) 1 b) 2 c) 3 d) 4

12. Mason laid 100 bricks in a row. He grouped bricks together, where every group has 25 bricks. If 8 bricks from each group are removed, then how many bricks are left in total?

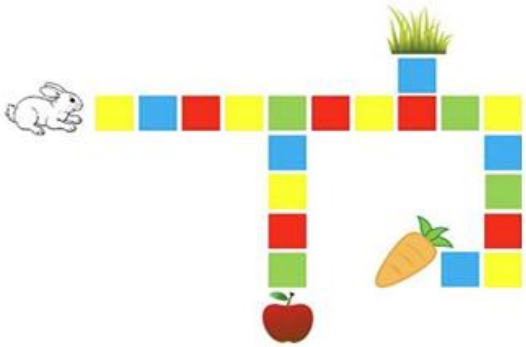
a) 32 **b) 64** **c) 68** **d) 92**

13. **If the number in each square is the product of the two numbers in the circles connected to it, what is the value of B?**



a) 9 b) 6
c) 4 d) Cannot be determined

14. **If the rabbit always jumps to every third tile from its position and it takes 2 minutes for each jump, how long will it take the rabbit to reach the carrot?**

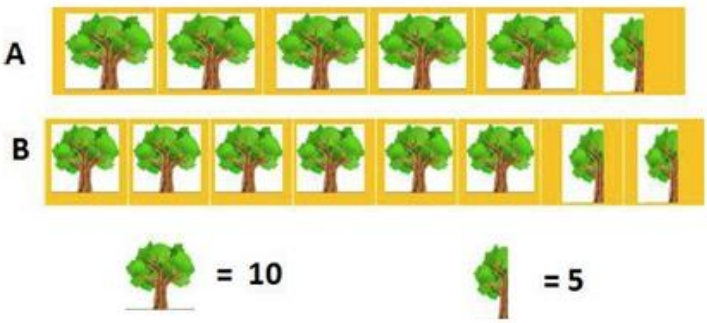


a) 10 minutes b) 8 minutes c) 6 minutes d) 5 minutes

15. Tom wants to make gift boxes combining chocolates and toys. He has 36 chocolates and 48 toys. If he wants to make all the boxes identical and have nothing left over, what is the maximum number of gift boxes he can make?

a) 12 **b) 24** **c) 10** **d) 13**

16. **The given image shows the number of trees with Teams A and B. One full tree picture represents 10 trees, and a half tree represents 5 trees. How many more trees does Team B have than Team A?**



a) 5 b) 10 c) 15 d) 20

17. **From the towers shown below, Tom, Paul, John, and Sam each owns one tower:**
- **Tom owns a tower which is positioned between A and C**
- **Paul owns a tower which is positioned between B and D**
- **John owns a tower which is positioned between F and H**
- **Sam owns a tower which is positioned between E and G**

Which friend's tower is the tallest among them?



a) Sam b) Tom c) Paul d) John

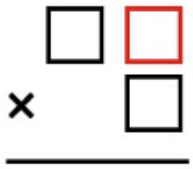
18. Company A packages different types of mobile parts/accessories on the following days: - Charger on Mondays, Tuesday, and Thursdays - Batteries on all days except on Friday - Earphones only on Mondays and Wednesdays - Screen on all days except on Thursday - Headphones on all days except on Wednesday On which days would it be possible for at least three accessories/parts to be packaged on the same day?

a) Everyday b) All days except Thursday c) All days except Friday d) Only on Mondays and Tuesdays

19. Alex has four boxes - A, B, C, and D. ● A can accommodate all numbers which are multiples of 5 ● B can accommodate all numbers which are multiples of 3 ● C can accommodate all numbers which are even ● D can accommodate all numbers which are multiples of 4 Alex has to fit the following numbers in the boxes above. What is the MINIMUM number of boxes he needs? 3, 15, 24, 36, 45, 60

a) 1 b) 2 c) 3 d) 4

20. **If we place the numbers 5, 6, and 7 in the boxes shown below and the product is 455, which number will go in the red box?**



a) 5 b) 6
c) 7 d) Either option a or option c